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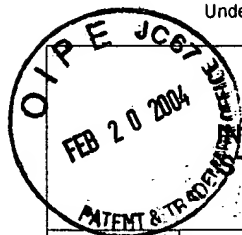


PTO/SB/08A (08-00)

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	09/846,841
Filing Date	04/30/2001
First Named Inventor	Carl M. Panasik, et al.
Group Art Unit	2644
Examiner Name	TBD
Attorney Docket No.	TI-32958

Sheet

1

of

2

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
N.L.	AA	5,661,422		David T. Crook, et al.	08/26/1997	—
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
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FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ² (if known)				
N.L.	BA		PCT WO 82/04508		Gould Inc.	23/12/1982	—	
N.L.	BB		PCT WO 96/08878		Ericsson GE Mobile Inc.	21/03/1996	—	
N.L.	BC		PCT WO 96/10868		Ericsson Telefon AB LM; Eklund Per Johan (SE); Melander Patrik LE	11/04/1996	—	
	BD							
	BE							
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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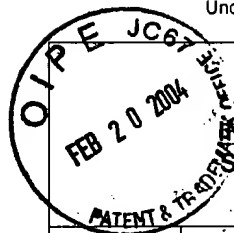


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Application Number	09/846,841
Filing Date	04/30/2001
First Named Inventor	Carl M Panasik, et al.
Group Art Unit	2644
Examiner Name	TBD
Attorney Docket No.	TI-32958

Sheet	2	of	2
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA		
	CB		
	CC		
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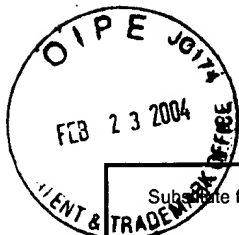
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Examiner Signature		Date Considered	05/27/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/046,719-Conf. #3594	
			Filing Date	January 17, 2002	
			First Named Inventor	Satoshi Hasegawa	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	M1909.0160/P160

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)				
NLE	BA	-JP	8-249000	09-27-1996	—	—	
NLE	BB	-JP	10-247093	09-14-1998	—	—	
NLE	BC	-JP	2000-66691	03-03-2000	—	—	
NLE	BD	-JP	2001-344905	12-14-2001	—	—	
NLE	BE	-JP	2000-138591	05-16-2000	—	—	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NLE	CA	Copy of Japanese Office Action dated November 25, 2003 (and English translation of relevant portion)	—

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